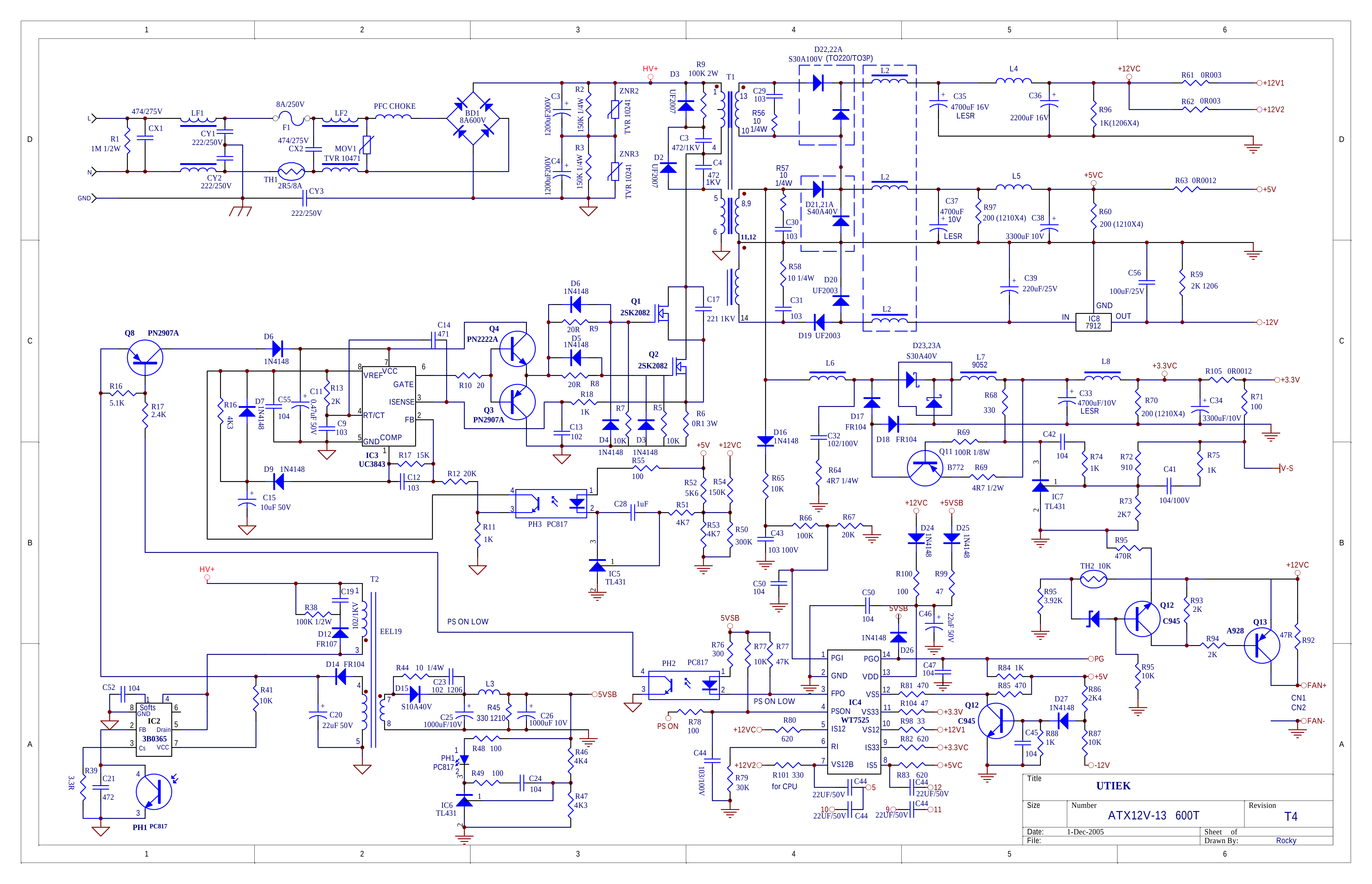


L
N
GND
R1
1M 1/2W
CX1
474/275V
LF1
CY1
222/250V
CY2
222/250V
F1
8A/250V
474/275V
CX2
TH1
2R5/8A
CY3
222/250V
LF2
MOV1
TVR 10471
PFC CHOKE
BD1
8A600V
C3
1200uF200V
C4
1200uF200V
R2
150K 1/4W
R3
150K 1/4W
ZNR2
TVR 10241
ZNR3
TVR 10241
HV+
D3
UF2007
R9
100K 2W
C3
472/1KV
C4
472
1KV
D2
UF2007
T1
C29
103
R56
10
1/4W
D22,22A
S30A100V (TO220/TO3P)
L2
L4
C35
4700uF 16V
LESR
C36
2200uF 16V
R96
1K(1206X4)
+12VC
R61 0R003
R62 0R003
+12V1
+12V2
R57
10
1/4W
C30
103
D21,21A
S40A40V
L5
C37
4700uF 10V
LESR
R97
200 (1210X4)
C38
3300uF 10V
+5VC
R60
200 (1210X4)
R63 0R0012
+5V
8,9
11,12
R58
10 1/4W
C31
103
D20
UF2003
D19 UF2003
C39
220uF/25V
C56
100uF/25V
R59
2K 1206
IC8
7912
IN
GND
OUT
-12V
Q1
2SK2082
C17
221 1KV
Q2
2SK2082
D6
1N4148
R9
20R
D5
1N4148
R8
20R
R18
1K
R7
10K
D4
1N4148
D3
1N4148
R5
10K
R6
0R1 3W
C13
102
Q4
PN2222A
Q3
PN2907A
C14
471
R10 20
Q8
PN2907A
D6
1N4148
R16
5.1K
R17
2.4K
R16
4K3
D7
1N4148
C55
104
C11
0.47uF 50V
R13
2K
C9
103
IC3
UC3843
VREF
VCC
GATE
ISENSE
RT/CT
FB
GND
COMP
R17 15K
C12
103
R12 20K
D9 1N4148
C15
10uF 50V
R11
1K
PH3 PC817
C28
1uF
R51
4K7
R55
100
+5V
+12VC
R52
5K6
R54
150K
R53
4K7
R50
300K
IC5
TL431
L6
D23,23A
S30A40V
L7
9052
L8
+3.3VC
R105 0R0012
+3.3V
D17
FR104
D18 FR104
R68
330
C33
4700uF/10V
LESR
R70
200 (1210X4)
C34
3300uF/10V
R71
100
D16
1N4148
C32
102/100V
R64
4R7 1/4W
R65
10K
Q11 100R 1/8W
B772
R69
4R7 1/2W
C42
104
R74
1K
R72
910
C41
104/100V
R75
1K
V-S
IC7
TL431
R73
2K7
C43
103 100V
R66
100K
R67
20K
+12VC
+5VSB
D24
1N4148
D25
1N4148
R100
100
R99
47
R95
470R
C50
104
C50
104
5VSB
C46
22uF 50V
1N4148
D26
TH2 10K
R95
3.92K
Q12
C945
R93
2K
R94
2K
Q13
A928
47R
R92
+12VC
FAN+
FAN-
CN1
CN2
HV+
C19
102/1KV
T2
EEL19
R38
100K 1/2W
D12
FR107
PS ON LOW
D14 FR104
C52 104
Softs
GND
IC2
FB
Drain
3B0365
Cs
VCC
R41
10K
C20
22uF 50V
R44 10 1/4W
C23
102 1206
D15
S10A40V
L3
C25
1000uF/10V
R45
330 1210
C26
1000uF 10V
5VSB
R39
3.3R
C21
472
PH1 PC817
PH1
PC817
R48 100
R49 100
C24
104
R46
4K4
R47
4K3
IC6
TL431
PH2 PC817
R76
300
R77
10K
R77
47K
PS ON LOW
PS ON
R78
100
+12VC
R80
620
C44
103/100V
+12V2
R79
30K
R101 330
for CPU
IC4
WT7525
PGI
GND
FPO
PSON
IS12
RI
VS12B
PGO
VDD
VS5
VS33
VS12
IS33
IS5
C47
104
PG
R84 1K
+5V
R85 470
R81 470
R104 47
+3.3V
R98 33
+12V1
R82 620
+3.3VC
R83 620
+5VC
Q12
C945
C45
104
R88
1K
D27
1N4148
R86
2K4
R87
10K
-12V
C44
22UF/50V
Title
UTIEK
Size
Number
ATX12V-13 600T
Revision
T4
Date: 1-Dec-2005
Sheet of
File:
Drawn By: Rocky